

# DIGITRON 200



**DIGITRON**  
SCALE SYSTEMS  
Division of International Medical Corporation

# Simple, Fast and Accurate

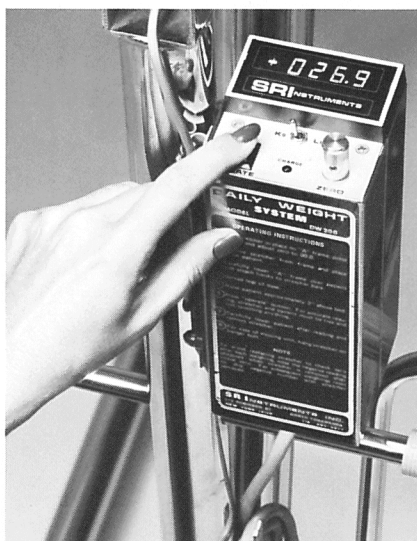
## And now the Digitron 200 comes standard with

Standard on all Digitron scales is a readout control featuring a reading in both pounds and kilograms. (A kilograms-only control is also available.) With a simple flip of a switch the operator can read a patient's weight in either pounds or kilograms with no computation required.

Also featured is our weight reading hold button which displays the reading for 15 seconds after the stretcher stops moving (about 10 seconds after the button is pushed, even slight oscillation of the bars will cause erroneous weight readings which is why we don't give an *instant reading*).

As an additional feature, a red button lights while the system is being charged. (The digital display will flicker when the batteries require charging.)

The need for daily patient weight monitoring has become a well established and necessary procedure in Intensive Care, Coronary Care, Dialysis, Pediatrics and Fluid



Balance Monitoring. Our challenge is to make weight monitoring simple, fast and accurate with minimal strain on staff time and backs.

The Digitron 200 meets this need with the most advanced trouble-free design available for weight measurement in non-ambulatory patients. Consider the following advantages of the Digitron 200 scale:

**Easy**... Simple lift mechanism and digital readout are operated with minimal training and only one staff member is required for weighing the average patient.

**Reliable**... Solid-state electronics with battery operation providing 1000 measurements between charges.

**Mobile**... Readily transported to any bed within the facility.

**Accurate**... Adjustable zero and repeatability within 0.2 lbs. (100 grams).

**Economical**... Saves time, requires no maintenance.



# 1

Position the nylon stretcher under the patient. This stretcher is lightweight and easily maneuverable during the procedure, like changing a bedsheet. Now roll the Digitron 200 scale into position.



# 2

Attach stretcher bars securely to the weighing arms. Lift the patient clear of the bed with an easy movement of the lift control. Only a fraction of an inch clearance is needed.



# 3

You are now ready to take a weight measurement reading. Simply depress the "operate" button and read the patient's weight on the illuminated digital display panel. The reading is accurate to within 100 grams.

# Weight Measurement

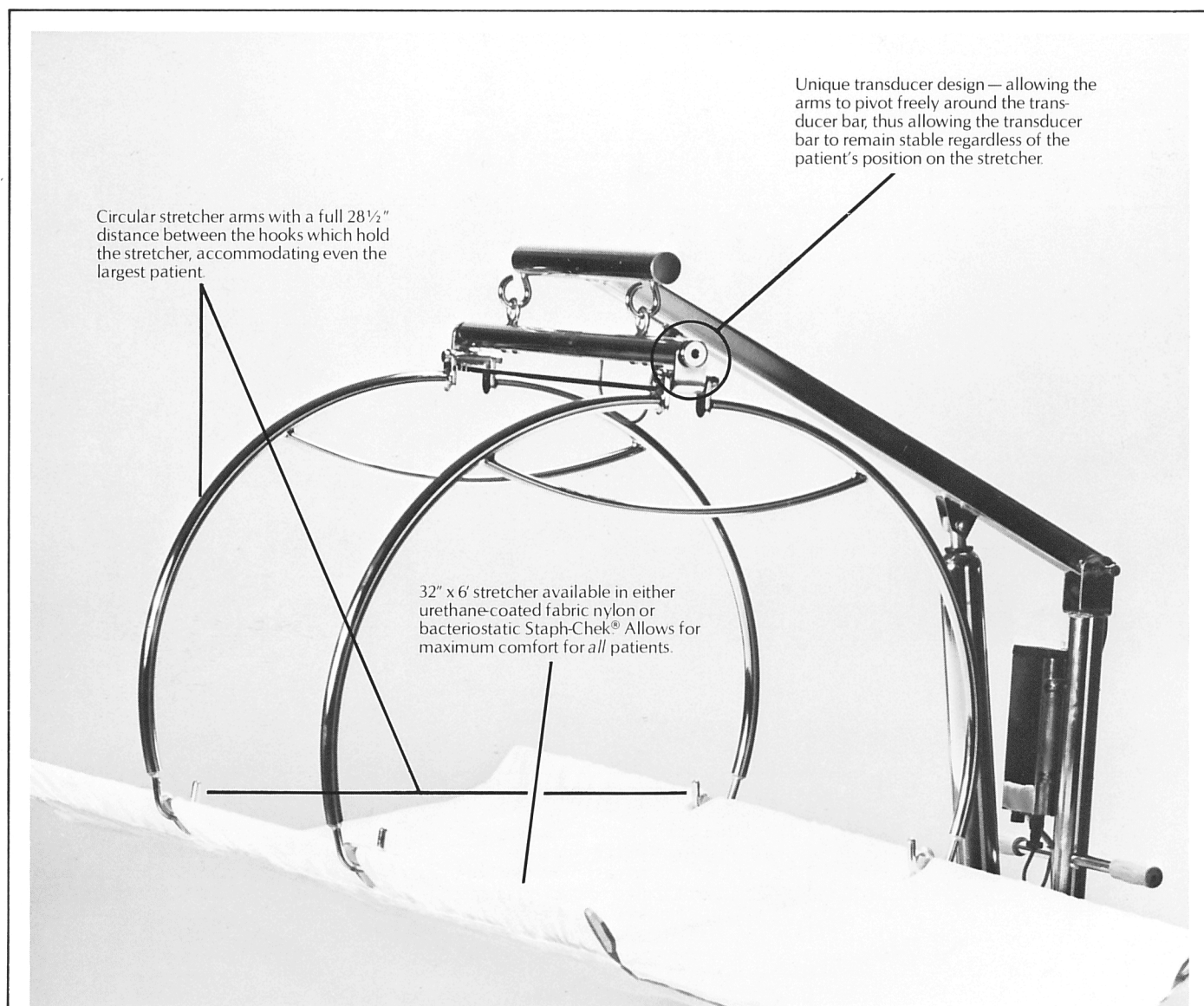
with a combination pounds/kilograms readout.

## Repeatable Accuracy

Repeatability is the single most important factor in weight measurement. The Digitron 200 is the *only* scale of its type that can insure repeatably accurate weight measurements *regardless of the patient's position on the stretcher*. No other scale of this type can make or produce this claim. The reason: The Digitron 200 utilizes a unique free-pivoting transducer design which insures that the vector (an imaginary line denoting direction of force) through the transducer bar and the vector through the center of gravity are *always* parallel. Should these two vectors ever be at angles to each other, as they can be with other scales of this type, depending on the patient's position on the stretcher, an off-center loading error

occurs, up to and including errors as much as 5% of the patient's weight.

Because the Digitron 200 *cannot have* an off-center loading error we are able to offer a much wider area for the patient to lie in while being weighed — a 28½" distance between the hooks — 4½" wider than other models. This feature can be offered because we don't have to roll the patient into a pocket in the center of the stretcher (which is very uncomfortable for the patient). The patient may be placed *anywhere* on the Digitron 200 stretcher and you will be provided with **REPEATABLY ACCURATE** weight measurement readings.





# A Unique Design

## Specifications

**Model:** Digitron 200  
**Cat. No.** SR-200 (kilos only)  
 SR-210 (pounds/kilo)  
**Capacity:** 200 kg or 450 lbs.  
**Accuracy:** 100 grams (0.2 lbs.)  
**Dimensions of stretcher:** 72" x 32"  
**Weight:** 95 lbs. (uncrated)

**Lift mechanism:** Hydraulic Hoyer™ or mechanical lift  
**Power:** Self-contained battery, 1000 measurements between charges. Automatic recharger included.  
**Stretcher:** Urethane-coated nylon fabric... or bacterio-static Staph-Chek®

**Readout:** Illuminated digital display  
**Casters:** Four full swivel, ball bearing, two lockable.  
**Guarantee:** One year against defects in workmanship and/or materials.

**Unique Transducer Design**—free pivoting transducer mounting provides repeatable accuracy—arms can rotate 360° without any movement of the transducer.

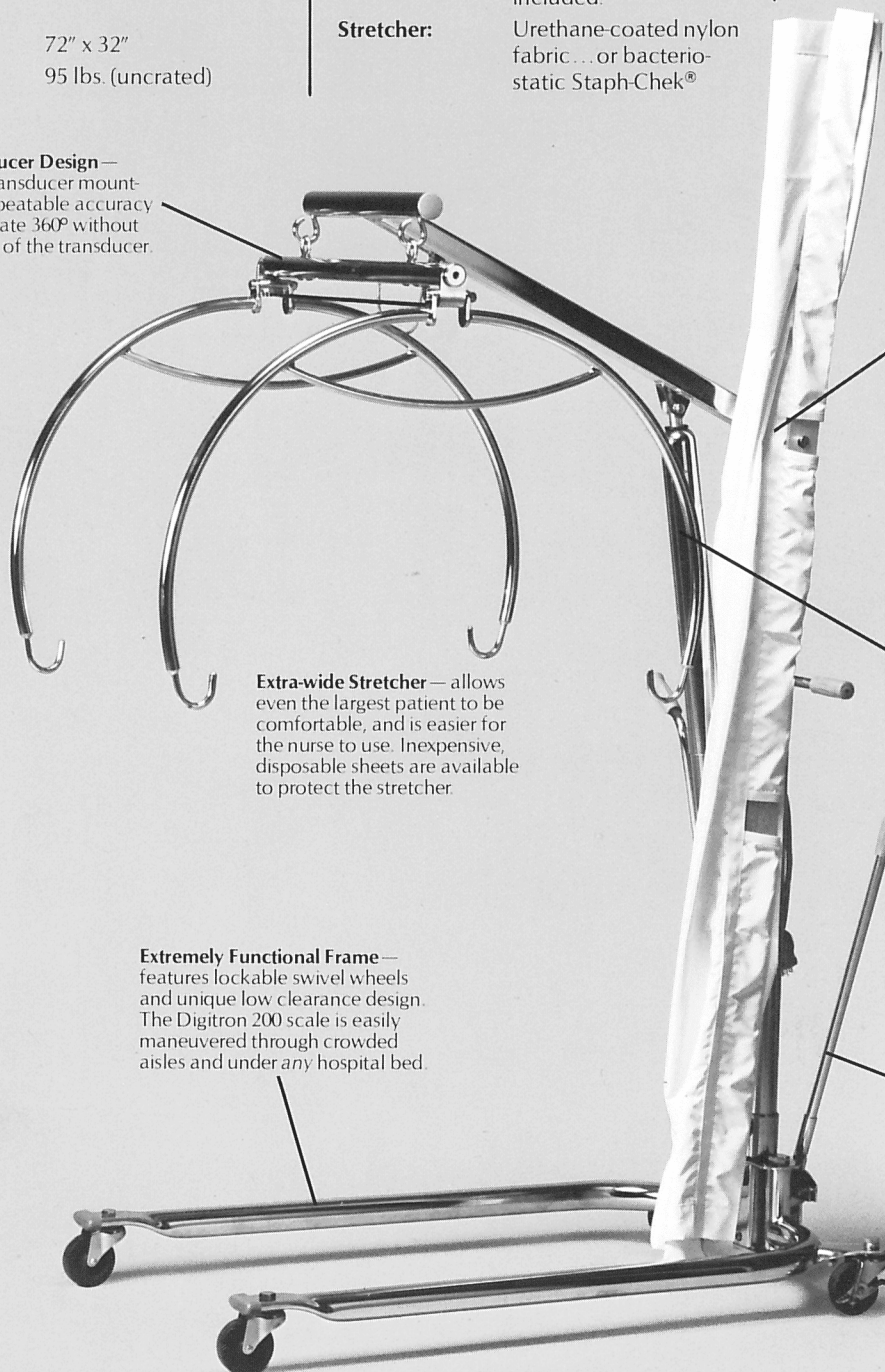
**Easy Stretcher Storage**—hanger for storage during non-use periods or when transporting the scale to another bed.

**Extra-wide Stretcher**—allows even the largest patient to be comfortable, and is easier for the nurse to use. Inexpensive, disposable sheets are available to protect the stretcher.

**Reliable Hoyer® Lift**—available in hydraulic or mechanical. Easily operated by any staff member. Employs a simple, smooth operating mechanism and is very safe for patient and staff.

**Extremely Functional Frame**—features lockable swivel wheels and unique low clearance design. The Digitron 200 scale is easily maneuvered through crowded aisles and under any hospital bed.

**Wheel Spreader**—allows the scale base to be spread open to easily support even the largest patient without any possibility of instability.



**DIGITRON**  
 SCALE SYSTEMS  
 Division of International Medical Corporation  
 Manufactured by SR Instruments

4240 Park Newport, Suite 213, Newport Beach, CA 92660 (714) 640-0387